

ABSTRACT

The invention relates to the field of the diagnosis of and vaccination against *Streptococcal* infections, and to the detection of virulence markers of *Streptococci*. The invention discloses a method for modulating virulence of a *Streptococcus* comprising modifying a genomic fragment of the *Streptococcus*, wherein the genomic fragment comprises at least a functional part of a fragment identifiable by hybridization in *Streptococcus suis* to a nucleic acid or fragment thereof.